

IN THE CLAIMS

1. (Currently Amended) An adenovirus packaging cell line permissive for replication of an E1A/E1B deficient adenovirus vector, wherein said cell line comprises an adenovirus E1A coding sequence and an adenovirus E1B coding sequence operably linked to a promoter that lacks substantial sequence identity with a native adenovirus E1A or E1B promoter, and wherein said adenovirus E1A coding sequence and said adenovirus E1B coding sequence are stably integrated into said cell line and are operably linked to identical promoters.

2-5. (Canceled).

6. (Currently Amended) The adenovirus packaging cell line of claim [[5]] 1, wherein said adenovirus E1A coding sequence and said adenovirus E1B coding sequence are stably integrated at different sites in said cell line.

7. (Original) The adenovirus packaging cell line of claim 6, wherein said cell line is a human cell line.

8. (Original) The adenovirus packaging cell line of claim 7, wherein said cell line is selected from the group consisting of A549 cells permissive for adenovirus replication PC-3 cells or primary cells permissive for adenovirus production.

9-10. (Canceled).

11. (Currently Amended) The adenovirus packaging cell line of claim [[9]] 1, wherein said promoter that lacks substantial sequence identity with a native adenovirus E1A or E1B promoter is a retrovirus promoter.

12. (Canceled).

13. (Currently Amended) The adenovirus packaging cell line of claim [[12]] 1, wherein said adenovirus E1A coding sequence comprises the sequence set forth in SEQ ID NO:1.

14. (Canceled).

15. (Currently Amended) The adenovirus packaging cell line of claim [[14]] 1, wherein said adenovirus E1B coding sequence comprises the sequence set forth in SEQ ID NO:4.

16. (Original) An adenovirus packaging cell line comprising a first expression vector and a second expression vector stably integrated into the genome of said cell line, wherein said first vector comprises adenovirus E1A coding sequences, operatively linked to a non-adenoviral heterologous promoter, and said second vector comprises adenovirus E1B coding sequences operatively linked to a non-adenoviral heterologous promoter.

17. (Currently Amended) A method of producing an adenovirus packaging cell line permissive for replication of an E1A/E1B deficient adenovirus vector, the method comprising: introducing into a cell line permissive for adenovirus replication, an ~~expression-vector~~ nucleic acid comprising (i) an adenovirus E1A coding sequence operably linked to a promoter that lacks substantial sequence identity with a native adenovirus E1A or E1B promoter and (ii) an adenovirus E1B coding sequence operably linked to a promoter that lacks substantial sequence identity with a native adenovirus E1A or E1B promoter, and wherein the nucleic acid comprising the adenovirus E1A coding sequence and the nucleic acid comprising the adenovirus E1B coding sequence are present on separate vectors.

18-19. (Canceled).

20. (Currently Amended) The method according to claim 17, wherein ~~said E1A expression-vector~~ one of the separate vectors is a retroviral expression vector.

21. (Canceled).

22. (Currently Amended) The method according to claim 17, wherein ~~both of~~
~~said E1A and E1B expression vectors are~~ each of the separate vectors is a retroviral
expression vectors.

23. (Canceled).